

FIG. 1A

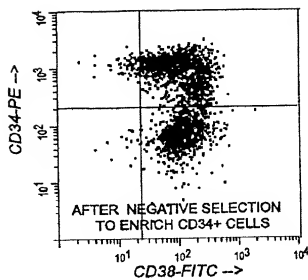


FIG. 1B

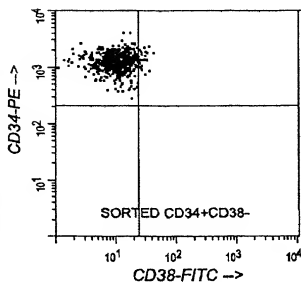


FIG. 1C

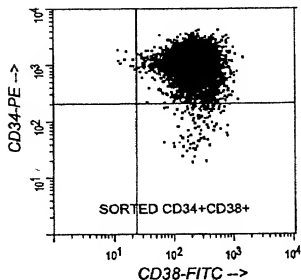


FIG. 1D

c12		c21		c23		c40		actin	
CD38-	CD38+	CD38-	CD38+	CD38-	CD38+	CD38-	CD38+	CD38-	CD38+



FIG. 2A

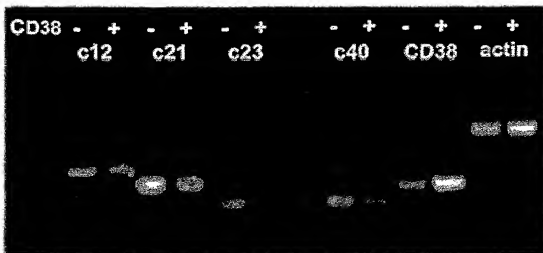


FIG. 2B

FIG. 3A

	1	2	3	4	5	6	7	8
A	Heart	Aorta	Skeletal Muscle	Colon	Bladder	Uterus	Prostate	Stomach
B	Testis	Ovary	Pancreas	Plutary	Adrenal	Thyroid	Salivary	Mammary
C	Kidney	Liver	Small Intestine	Spleen	Thymus	WBC	Lymph Node	Bone Marrow
D	Appendix	Lung	Trachea	Placenta		Brain	Medulla	Spinal Cord
E	Fetal Brain	Fetal Heart	Fetal Kidney	Fetal Liver	Fetal Spleen	Fetal Thymus	Fetal Lung	
F	Yeast total RNA 100ng	Yeast rRNA 100ng	E. coli rRNA 100 ng	E. coli DNA 100 ng	Poly (A) ⁺ RNA 100ng	Human C ₁ DNA 100 ng	Human DNA 100 ng	Human DNA 300 ng

FIG. 3B

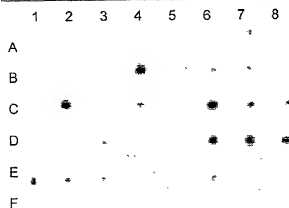


FIG. 3C

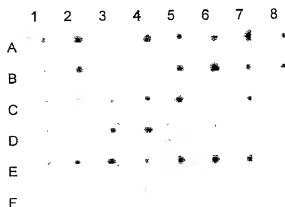
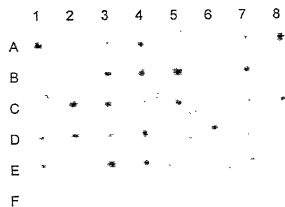


FIG. 3D



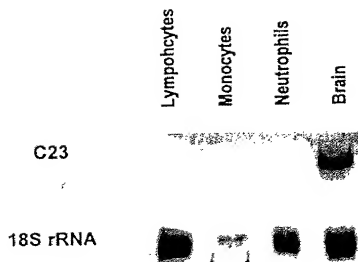


FIG. 4A



FIG. 4B

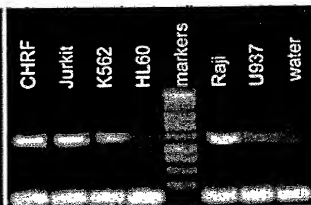


FIG. 4C

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1  cogggagggg ggagcggcgt tggaggccac cgtttocagc atcaacaaca
51  gcaacttgty attgycggtg acoggatatt cagttgcaca tocccacatc
101 aatgcactgc caatgggtta tatcctgtgt tgtgacctca tgggttaagt
151 gggataaag ATGAGTATAA GCAGTGATGA GGTCAACTTC TTGGTATATA
201 GATACTTGCA AGAGTCAGGA TTTTCTCATT CAGCAITTCAT CTTTGGTATA
251 AAAAGCCATA TCAGTCAGTC CAATATAAAT GGTGCCCTCG TCCCAACCCGC
301 TGCATTGATT TCTATCATCC AGAAAGGTCT ACAGTATGTA GAAGCAGAAG
351 TTAGTATTAA TGAGGATGGT ACCTTGTTTG ATGGTCGACC AATGAGTCT
401 CTGTCCCTGA TAGATGCGGT AATGCGTGAT GTAGTACAAA CAAGACAACA
451 AGCTTATAGA GATAAGCTTG CACAGCAACA GGCAGCAGCT GCTGCAGCTG
501 CCGCAGCTGC AGCCAGCCAA CAAGGATCTG CAAAAATG AGAAACACA
551 GCAAAATGGG AGGAGAATGG AGCACATACT ATAGCAAATA ATCATACTGA
601 TATGATGGAA GTGGATGGG ATGTTGAAAT CCTCTCTAAT AAAGCTGTTG
651 TGTTCGGGG CCATGAATCT GAAGTTTITA TCTGTGCTG GACCCCTGTT
701 AGTGATCTCC TACCATCAGG GTCTGCAGAC TCACACACAA CAATATGCGA
751 TCTTAGTGAG AACAGCAACA GTGGCTCTAC ACAGTTAGTA CTTAGACATT
801 GTATACGAGA AGGAGGGCAA GATGTTCCGA GCAACAAGGA TGTCCATCT
851 CTAGATGGGA ATAGTGAAGG TACACTTCTA GCAACTGGTT CTTATGATGG
901 GTTTGCCAGA ATATGGACTA AAGATGGTAA CCTTGCTAGC ACCTTAGGGC
951 AGCATAAAGG CCTATATTT GCATTAAAT GGAATAAGAA AGGAAATTTT
1001 ATCTTAAGTC GTGGAGTACA CAAGCTACA ATTAATTGGG ACGCACATAC
1051 TGGTGAAGCC AAGCAACAGT TTCCTTTTCA TTCAGCACCA CATTGGATG
1101 TTGATTGCCA GAGCAACAAC ACCTTTGCTT CTGTAGTAC AGATATGTGC
1151 ATTCTATGCT GTAAATTAGG ACAAGACAGA CCTATTAAAA CATTCCAAGG
1201 ACATACGAAT GAAGTAAATG CTATCAAATG GGACCCAACT GGCATCTCT
1251 TGGCTCTCTG TTCGACGAC ATGACTTTAA AGATATGGAG TATGAAACAA
1301 GACAATTGTG TCCATGATT GCAGCAACAT AATAAAGAAA TTTATACTAT
1351 CAAATGGAGT CCAACAGGAC CAGGGACTAA TAAATCAAAT GCCAACTTA
1401 TGTAGCAAG TCAATCTTTT GATGCTACTG TTAGCTTATG GCAATGACAG
1451 CGAGGGATAT GCATCCATAC CTTGACAAAA CACCAAGAGC CTGTGTACAG
1501 TGTAGCTTTC AGTCTGATG GCAGGTATCT GCCAGAGCTT TCTTTTGACA
1551 AAATGTCAC GATGTCAGAG AGCCAGACAG GTGCTCTAGT TCACAGCTAT
1601 AGGGCAACAG GTGGAATATT TGAAGTTTGC TGGAAATGCAG CAGGAGACAA
1651 AGTTGGAGCC AGTGCAATCAG ATGGTTCAGT TTGTGTATTA GACCTTGGGA
1701 AATAGcgtcta ctagtgtgaa gccatggacc gactatgaat gtgtacatag
1751 ccaaaatgag tgtccctgac ccatgtaatg ttatagtccc acttgaacca
1801 tggccagttcc aatacagcca aatctaaaag aaatatatac atacagtgtg
1851 tataaacaana attacacccg gaagatgaca gagttttgtc acagcttgty
1901 aattctgttc aocaagtgtc ggaatctaata ctgctgtgoc octaaaaatg

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FIG. 5A

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1951 catttagaag ttttgatat gaaaaacaga agagagaaaa tatacattat
2001 aaaagcagta catacatgta ccagtttttg gataactaaat gacagccttg
2051 tttctccoct ttgaatcagc agacaccatg gattatatto tttttttccc
2101 ttccagtatg agcagtttgt atgtacagag aaaaatggact tacaaaaaact
2151 tgcagcagta gtttgtttct gcttttaaat ttogtttttg gtttagatta
2201 tggatgcatg aagtaaggga gtgaatcagt ttcttgttta ttttttttcc
2251 acotttttaa caaaaaatcc tttaaaatat tttaatgcat tottttgaag
2301 aggtagatgt ttggtacatt ttatggctoc cagagcatat attcagttgg
2351 tgcagtgtgt ggaaggggga attggaaatt aaatggaaaa cctatgactt
2401 tggtcctgtc aatctgtaag acacatcagt aaaaggtat tatgctctgt
2451 tggtttttgt tttttgtttt gctttttttt ttttttcttt tttttgtttt
2501 tggtagtgtg gcttaaatgc aatagtttct tttttgggac atatttctgc
2551 caattaaaga ctagaagggc acaacttttt ttttaattac catagagaag
2601 atacattaaa aaaaaatctc tgatgttttg tagccataac taaatztatg
2651 taaaaatgtg cactattgtg aaaaggagca acgtagtttt ggggtttttg
2701 ttgttttgtt gttttgcttt gttttttaag agattaaaaa gtttttggtt
2751 aaggattagc ttctogaagt gtccatcatt ctgtgtanaa gcttaaatat
2801 gtaatgtaac caaactccag tattaaaaat ctctcatggt gtttttctta
2851 tacaaaagca gataacggca tataacactg ccattacatg gcaaaatggt
2901 tgctacotta gtttaaaaaa caatctcaaa caaagaactg gottcaaggt
2951 gtttttaaat agcagtgatt cagaattttt tttaatgaaa gtataatgac
3001 actaaccttc ttctgtctgc totgattctg catttgtggt acttgtgact
3051 acgttttttc aaatatagat agatttaagc tgctaatttt ttttttttta
3101 gtaatcacta ctatatcatg tottttactc tgtttataat atcaagtatt
3151 ttcttaaaga tatagatatt aaacotttgy ctcatgcaac ttagagtaac
3201 atatacagac aaatgattgc atgaggccat gtttatatgt gtgactaata
3251 aggcttgtca tgattaaacat aatocaggta tgtaatttot gaagagaata
3301 gtcatcaaat ttatatctog aagattttta ttaaggggat tgcttattgt
3351 ttgagcttag caaattaata acactatttt tgtaactaat tattttgagg
3401 ccttttagta ctaaaaattt aacctgtggt ctaagtagaa actgatttaa
3451 cccaagtaat gcagctttga ttgatttcoag cattogttgc tttgtatttt
3501 ttacaaaaa gcattgattg aagcaagttt tggttttaot aaggtagggg
3551 agcatttgtc attggtaaag agaataaata cacttaattt cacaatacat
3601 tgttatatgt accccagttg ttgttagtgg ggactatgat actgtaataa
3651 tttttttaa aatttacatc aagagaggca gtcatcaco atggttttgt
3701 gccagctctt tttagggttt tggatccat tagagatat tagaacatat
3751 taccctgtga cttacgtagg aaacctaat tgctgagtat ctggcaactg
3801 aattctctgt tttattgtcg gaggtocaca tgtgtggttg acctctgtta
3851 ttgtttaaaa aaaaaaaaaa aaaaaaaaaa aaaaa

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FIG. 5B

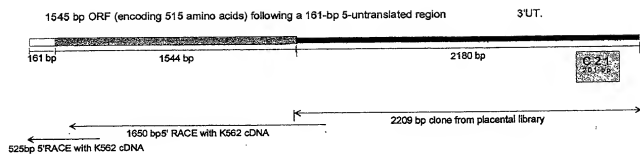


FIG. 6

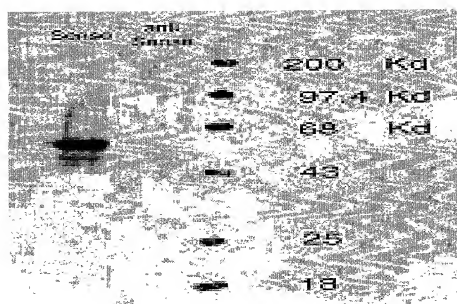


FIG. 7

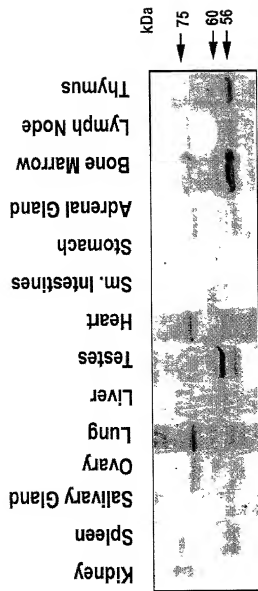


FIG. 8A

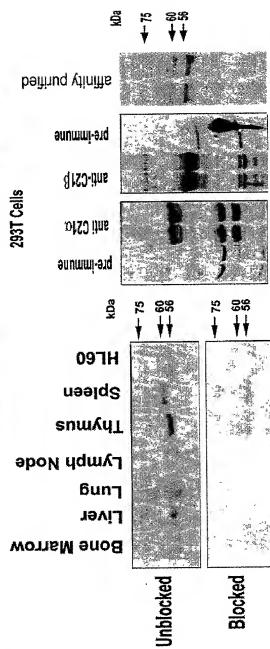


FIG. 8B

FIG. 8C

FIG. 8D

FIG. 9A

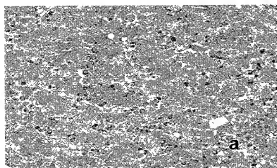


FIG. 9B

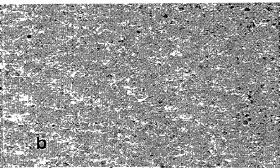


FIG. 9C

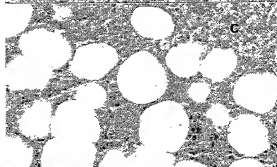


FIG. 9D

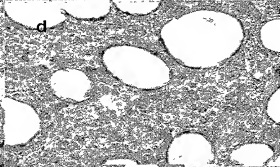


FIG. 9E

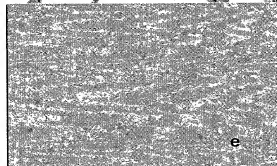


FIG. 9F

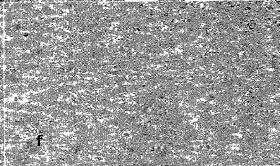


FIG. 9G

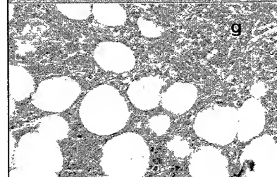
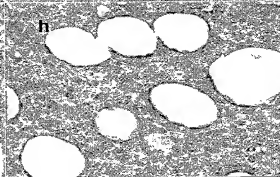


FIG. 9H



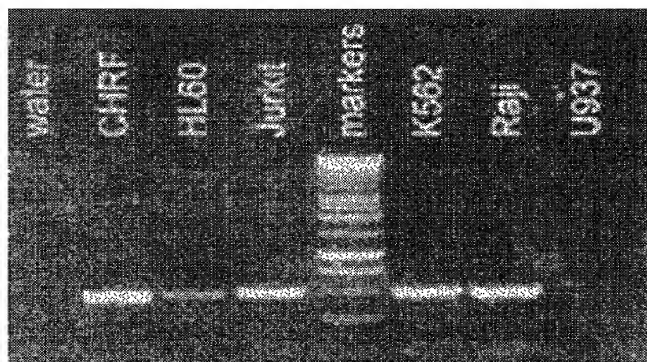


FIG. 10

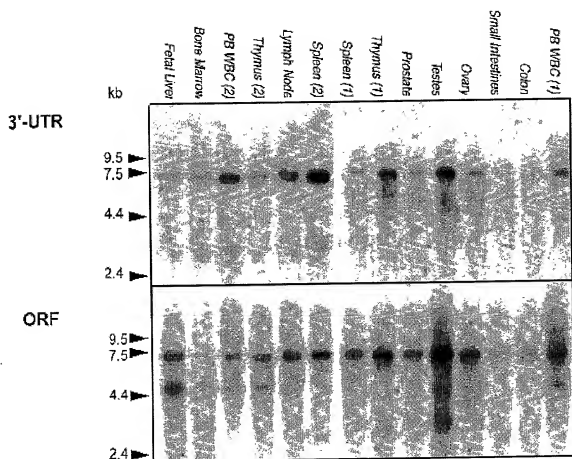


FIG. 11

a. RPA

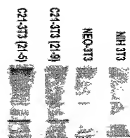


FIG. 12A

b. Western Blot

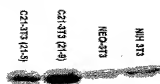


FIG. 12B

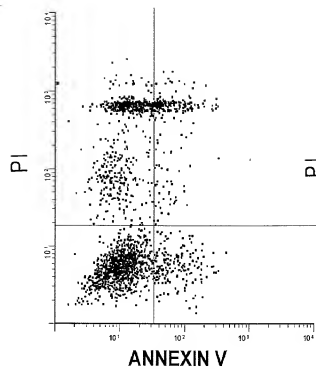


FIG. 13A

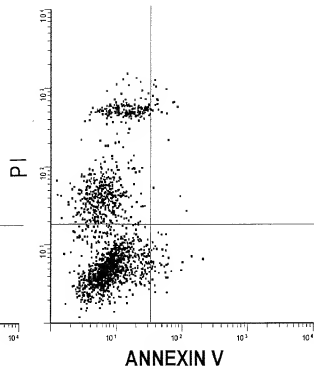


FIG. 13B

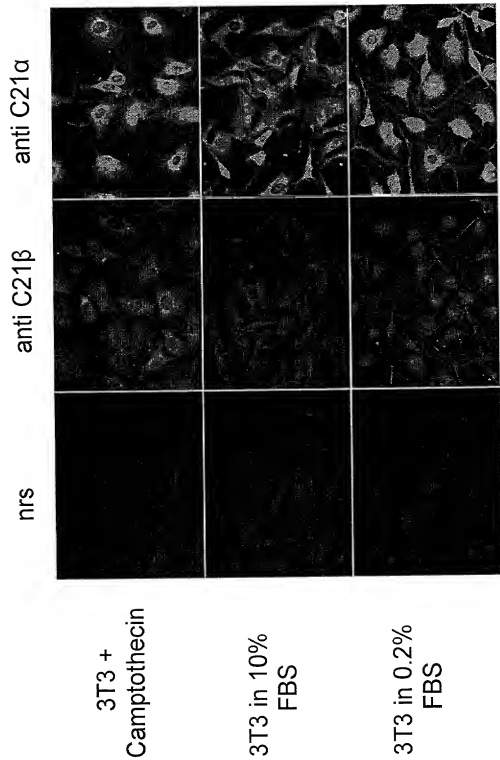


FIG. 14

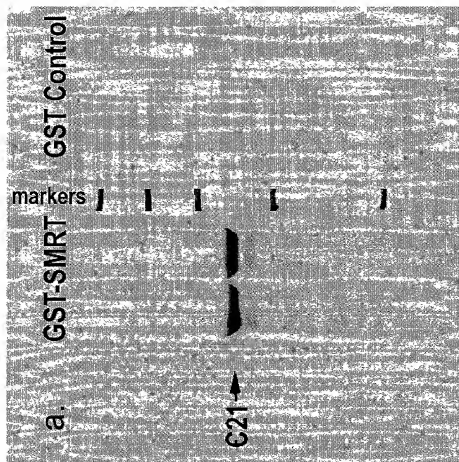


FIG. 15A

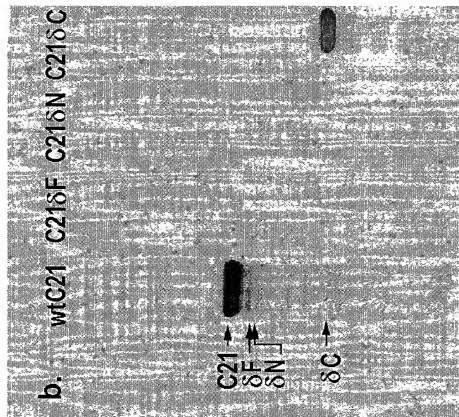


FIG. 15B

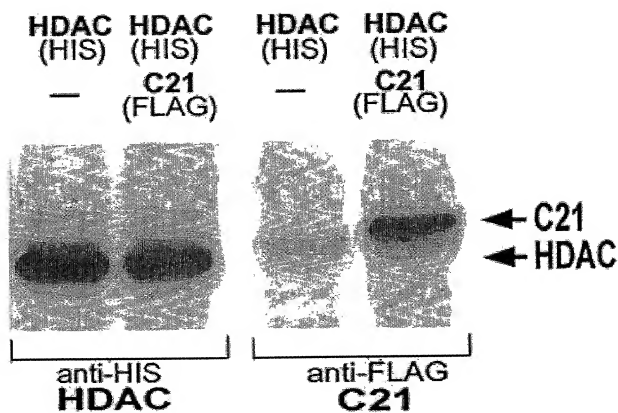


FIG. 16

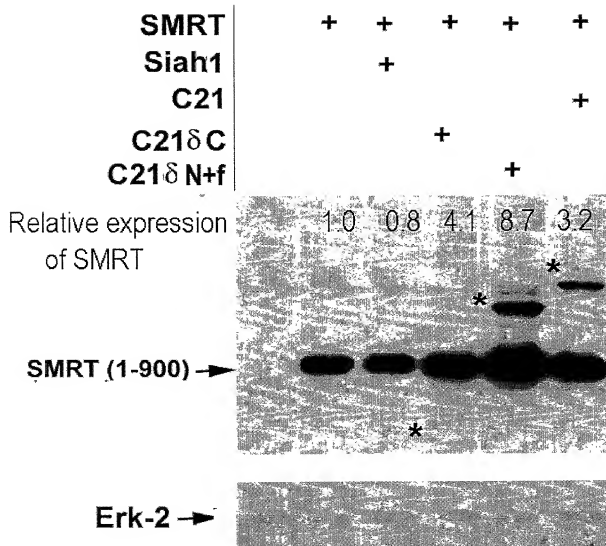


FIG. 17

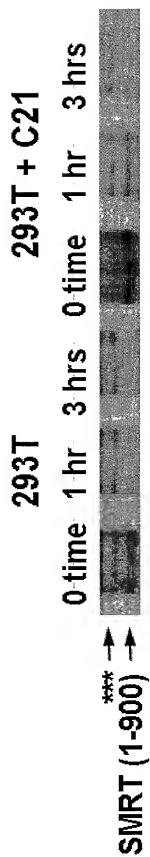


FIG. 18

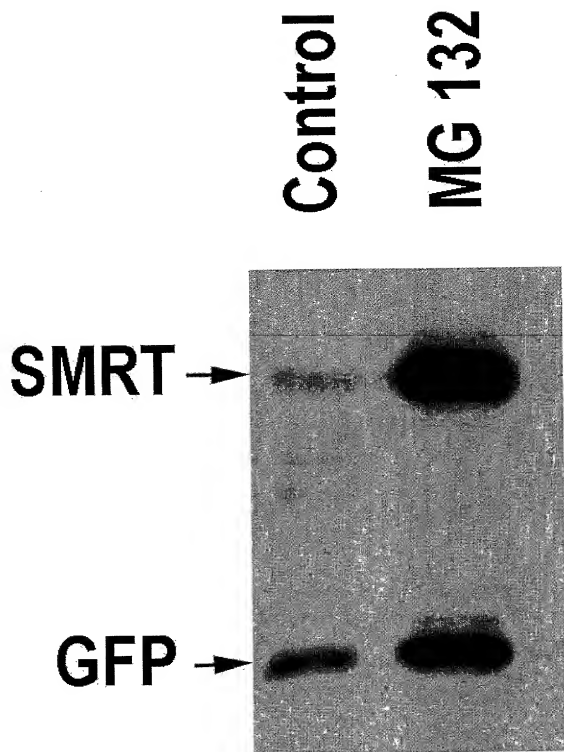


FIG. 19